

Plus Search

10671909_CLSTITLES1.txt

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10671909 on August 03, 2005

- 24 250/231.13 (17 OR, 7 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 .Optical or pre-photocell system
250/229 ..Light valve (e.g., iris diaphragm)
250/231.1 ...Actuated by dynamic external physical
quantity
250/231.13Shaft angle transducers
- 21 250/237G (1 OR, 20 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 .Optical or pre-photocell system
250/237R ..Hoods, grating, baffles, diaphragms, masks
250/237G ...Gratings (moire fringes)
- 18 341/13 (3 OR, 15 XR)
Class 341 : CODED DATA GENERATION OR CONVERSION
341/1 DIGITAL PATTERN READING TYPE CONVERTER
341/13 .Optical
- 17 250/231.16 (10 OR, 7 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 .Optical or pre-photocell system
250/229 ..Light valve (e.g., iris diaphragm)
250/231.1 ...Actuated by dynamic external physical
quantity
250/231.13Shaft angle transducers
250/231.14Incremental shaft readers; i.e., with
means to generate increments of angular shaft rotation
250/231.16Using phase difference of output signals
from plural photodetectors
- 15 250/231.14 (8 OR, 7 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 .Optical or pre-photocell system
250/229 ..Light valve (e.g., iris diaphragm)
250/231.1 ...Actuated by dynamic external physical
quantity
250/231.13Shaft angle transducers
250/231.14Incremental shaft readers; i.e., with
means to generate increments of angular shaft rotation
- 14 250/231.18 (4 OR, 10 XR)
Class 250 : RADIANT ENERGY
250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
250/216 .Optical or pre-photocell system
250/229 ..Light valve (e.g., iris diaphragm)
250/231.1 ...Actuated by dynamic external physical
quantity
250/231.13Shaft angle transducers
250/231.14Incremental shaft readers; i.e., with
means to generate increments of angular shaft rotation
250/231.18Position indicating shaft encoders with
means to generate a unique signal for each specific
angular shaft position

- 11 369/44.27 (6 OR, 5 XR)
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
 369/43 WITH SERVO POSITIONING OF TRANSDUCER ASSEMBLY
 OVER TRACK COMBINED WITH INFORMATION SIGNAL PROCESSING
 369/44.11 .Optical servo system
 369/44.27 ..Initialization/start-up or changing modes of
 system
- 10 341/15 (5 OR, 5 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/1 DIGITAL PATTERN READING TYPE CONVERTER
 341/15 .Magnetic, inductive or capacitive
- 9 324/207.25 (2 OR, 7 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/200 MAGNETIC
 324/207.11 .Displacement
 324/207.25 ..Rotary
- 9 369/53.37 (2 OR, 7 XR)
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
 369/53.1 CONDITION INDICATING, MONITORING, OR TESTING
 369/53.11 .Including radiation storage or retrieval
 369/53.37 ..Initialization or start-up mode or changing
 system mode:
- 7 341/11 (4 OR, 3 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/1 DIGITAL PATTERN READING TYPE CONVERTER
 341/11 .Incremental
- 6 318/602 (2 OR, 4 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
 318/600 .Digital or numerical systems
 318/601 ..Digital comparison
 318/602 ...Commutating switch-type encoder
- 6 324/207.21 (1 OR, 5 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/200 MAGNETIC
 324/207.11 .Displacement
 324/207.13 ..Having particular sensor means
 324/207.21 ...Magnetoresistive
- 6 341/6 (2 OR, 4 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/1 DIGITAL PATTERN READING TYPE CONVERTER
 341/6 .With directional discrimination
- 5 318/632 (2 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
 318/632 .With compensating features
- 5 341/9 (0 OR, 5 XR)
 Class 341 : CODED DATA GENERATION OR CONVERSION
 341/1 DIGITAL PATTERN READING TYPE CONVERTER
 341/9 .Having combined (e.g., denominational,
 combination code) coding pattern

- ```

4 101/248 (3 OR, 1 XR)
 Class 101 : PRINTING
 101/212 ROLLING CONTACT MACHINES
 101/216 .Rotary
 101/248 ..Cylinder-registering mechanisms

4 200/11G (0 OR, 4 XR)
 Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
 200/1R MULTIPLE CIRCUIT CONTROL
 200/6R .Pivoted contact
 200/11R ..Dial type
 200/11G ...Leaf spring bias

4 200/11R (3 OR, 1 XR)
 Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS
 200/1R MULTIPLE CIRCUIT CONTROL
 200/6R .Pivoted contact
 200/11R ..Dial type

4 250/229 (1 OR, 3 XR)
 Class 250 : RADIANT ENERGY
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 250/216 .Optical or pre-photocell system
 250/229 ..Light valve (e.g., iris diaphragm)

4 250/231.17 (0 OR, 4 XR)
 Class 250 : RADIANT ENERGY
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 250/216 .Optical or pre-photocell system
 250/229 ..Light valve (e.g., iris diaphragm)
 250/231.1 ...Actuated by dynamic external physical
 quantity
 250/231.13Shaft angle transducers
 250/231.14Incremental shaft readers; i.e., with
 means to generate increments of angular shaft rotation
 250/231.17With means to indicate a complete shaft
 rotation

4 318/603 (1 OR, 3 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
 318/600 .Digital or numerical systems
 318/603 ..Pulse-counting systems

4 318/640 (0 OR, 4 XR)
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,
 SERVOMECHANISMS)
 318/638 .with particular "error-detecting" means
 318/640 ..Photoelectric or optical-type measuring
 instruments

4 324/174 (1 OR, 3 XR)
 Class 324 : ELECTRICITY: MEASURING AND TESTING
 324/160 ELECTRICAL SPEED MEASURING
 324/166 .Including speed-related frequency generator
 324/173 ..Including magnetic detector
 324/174 ...Permanent magnet type

4 340/870.37 (3 OR, 1 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL

```

- 340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)
- 340/870.3 .with particular transmitter (e.g.,  
piezoelectric, dynamo)
- 340/870.37 ..Capacitive transmitter
- 4 341/2 (0 OR, 4 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/1 DIGITAL PATTERN READING TYPE CONVERTER  
341/2 .Plural denominationally related carriers  
(e.g., coarse/fine geared discs)
- 4 369/53.29 (2 OR, 2 XR)  
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
369/53.1 CONDITION INDICATING, MONITORING, OR TESTING  
369/53.11 .Including radiation storage or retrieval  
369/53.25 ..Of transducer assembly mechanism  
369/53.29 ...Transduced location indicating
- 4 369/53.3 (1 OR, 3 XR)  
Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
369/53.1 CONDITION INDICATING, MONITORING, OR TESTING  
369/53.11 .Including radiation storage or retrieval  
369/53.3 ..Of relative motion producing mechanism
- 4 377/17 (1 OR, 3 XR)  
Class 377 : ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR  
SHIFT REGISTERS: CIRCUITS AND SYSTEMS  
377/1 APPLICATIONS  
377/17 .Position determining
- 4 377/45 (1 OR, 3 XR)  
Class 377 : ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR  
SHIFT REGISTERS: CIRCUITS AND SYSTEMS  
377/27 SYSTEMS  
377/45 .Including reversible counter
- 4 600/459 (4 OR, 0 XR)  
Class 600 : SURGERY  
600/300 DIAGNOSTIC TESTING  
600/407 .Detecting nuclear, electromagnetic, or  
ultrasonic radiation  
600/437 ..Ultrasonic  
600/459 ...Structure of transducer or probe assembly
- 4 720/660 (1 OR, 3 XR)  
720/658 DYNAMIC MECHANISM OPTICAL SUBSYSTEM  
720/659 .Having power driven optical transducer  
assembly  
720/660 ..Sensor detecting position of optical  
transducer  
Could not find class title.
- 3 33/203.12 (1 OR, 2 XR)  
Class 033 : GEOMETRICAL INSTRUMENTS  
33/501 GAUGE  
33/203 .wheel  
33/203.12 ..With wheel supporting means
- 3 73/633 (0 OR, 3 XR)  
Class 073 : MEASURING AND TESTING  
73/570 VIBRATION  
73/584 .By mechanical waves

- 73/596 ..Beamed  
 73/632 ...Sonic wave transmitter or receiver  
           transducer  
 73/633 ....Having transducer scanning means
- 3 200/18 (0 OR, 3 XR)  
   Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS  
   200/1R MULTIPLE CIRCUIT CONTROL  
   200/17R .Operating means  
   200/18 ..Plural switch
- 3 250/231.15 (0 OR, 3 XR)  
   Class 250 : RADIANT ENERGY  
   250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
   250/216 .Optical or pre-photocell system  
   250/229 ..Light valve (e.g., iris diaphragm)  
   250/231.1 ...Actuated by dynamic external physical  
               quantity  
   250/231.13 ....Shaft angle transducers  
   250/231.14 .....Incremental shaft readers; i.e., with  
               means to generate increments of angular shaft rotation  
   250/231.15 .....With plural gear driven discs
- 3 250/551 (0 OR, 3 XR)  
   Class 250 : RADIANT ENERGY  
   250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
   250/551 .Signal isolator
- 3 310/68B (2 OR, 1 XR)  
   Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
   310/10 DYNAMOELECTRIC  
   310/40R .Rotary  
   310/66 ..With other elements  
   310/68R ...Electric circuit elements  
   310/68B ....Condition responsive (e.g., position,  
               torque, etc.)
- 3 318/630 (0 OR, 3 XR)  
   Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
   318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
               SERVOMECHANISMS)  
   318/630 .Antibacklash systems (e.g., with  
               unidirectional approach to balance)
- 3 318/85 (0 OR, 3 XR)  
   Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
   318/34 PLURAL, DIVERSE OR DIVERSELY CONTROLLED  
               ELECTRIC MOTORS  
   318/85 .Synchronizing or phasing control
- 3 324/175 (1 OR, 2 XR)  
   Class 324 : ELECTRICITY: MEASURING AND TESTING  
   324/160 ELECTRICAL SPEED MEASURING  
   324/166 .Including speed-related frequency generator  
   324/175 ..Including radiant energy detector
- 3 324/207.2 (2 OR, 1 XR)  
   Class 324 : ELECTRICITY: MEASURING AND TESTING  
   324/200 MAGNETIC  
   324/207.11 .Displacement  
   324/207.13 ..Having particular sensor means  
   324/207.2 ...Hall effect

- 3 327/4 Class (1 OR, 2 XR)  
 327 : MISCELLANEOUS ACTIVE ELECTRICAL NONLINEAR  
 DEVICES, CIRCUITS, AND SYSTEMS  
 327/1 SPECIFIC SIGNAL DISCRIMINATING (E.G.,  
 COMPARING, SELECTING, ETC.) WITHOUT SUBSEQUENT CONTROL  
 327/2 .By phase  
 327/3 ..Comparison between plural inputs (e.g., phase  
 angle indication, lead-lag discriminator, etc.)  
 327/4 ...With transducer
- 3 341/10 Class (0 OR, 3 XR)  
 341 : CODED DATA GENERATION OR CONVERSION  
 341/1 DIGITAL PATTERN READING TYPE CONVERTER  
 341/9 .Having combined (e.g., denominational,  
 combination code) coding pattern  
 341/10 ..Constant distance code
- 3 345/156 Class (2 OR, 1 XR)  
 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
 SYSTEMS  
 345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE
- 3 345/184 Class (1 OR, 2 XR)  
 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
 SYSTEMS  
 345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
 345/184 .Mechanical control (e.g., rotatable knob,  
 slider)
- 3 360/75 Class (3 OR, 0 XR)  
 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR  
 RETRIEVAL  
 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM  
 360/75 .Controlling the head
- 3 377/24 Class (2 OR, 1 XR)  
 377 : ELECTRICAL PULSE COUNTERS, PULSE DIVIDERS, OR  
 SHIFT REGISTERS: CIRCUITS AND SYSTEMS  
 377/1 APPLICATIONS  
 377/19 .Measuring or testing  
 377/24 ..Dimension
- 3 600/446 Class (3 OR, 0 XR)  
 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/407 .Detecting nuclear, electromagnetic, or  
 ultrasonic radiation  
 600/437 ..Ultrasonic  
 600/443 ...Anatomic image produced by reflective  
 scanning  
 600/445 ....Mechanical scanning  
 600/446 .....Hand-held unit
- 3 901/23 Class (0 OR, 3 XR)  
 901 : ROBOTS  
 901/19 DRIVE SYSTEM FOR ARM  
 901/23 .Electric motor
- 2 29/40 Class (1 OR, 1 XR)  
 029 : METAL WORKING

29/33R PLURAL DIVERSE MANUFACTURING APPARATUS  
 INCLUDING MEANS FOR METAL SHAPING OR ASSEMBLING

29/35.5 .With turret mechanism  
 29/39 ..Tool turret  
 29/40 ...Rotary tool holder

2 33/1PT (1 OR, 1 XR)  
 Class 033 : GEOMETRICAL INSTRUMENTS  
 33/1R MISCELLANEOUS  
 33/1PT .Angular position transducer

2 33/203.14 (1 OR, 1 XR)  
 Class 033 : GEOMETRICAL INSTRUMENTS  
 33/501 GAUGE  
 33/203 .Wheel  
 33/203.12 ..With wheel supporting means  
 33/203.14 ...Pivoted or sliding scuff board

2 33/707 (0 OR, 2 XR)  
 Class 033 : GEOMETRICAL INSTRUMENTS  
 33/700 DISTANCE MEASURING  
 33/706 .Scale reading position sensor (e.g., grid  
 counting)  
 33/707 ..Optical

2 74/471XY (1 OR, 1 XR)  
 Class 074 : MACHINE ELEMENT OR MECHANISM  
 74/469 CONTROL LEVER AND LINKAGE SYSTEMS  
 74/471R .Multiple controlled elements  
 74/471XY ..Control moves in two planes

2 74/813L (1 OR, 1 XR)  
 Class 074 : MACHINE ELEMENT OR MECHANISM  
 74/813R ROTARY MEMBER OR SHAFT INDEXING, E.G., TOOL OR  
 WORK TURRET  
 74/813L .Locking means

2 82/12 (2 OR, 0 XR)  
 Class 082 : TURNING  
 82/11 AXIAL PATTERN  
 82/12 .Pivoted tool rest

2 82/18 (0 OR, 2 XR)  
 Class 082 : TURNING  
 82/18 PATTERN SECTION

2 82/19 (0 OR, 2 XR)  
 Class 082 : TURNING  
 82/18 PATTERN SECTION  
 82/19 .Cam-controlled cutter

2 91/361 (1 OR, 1 XR)  
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
 91/358R WORKING MEMBER POSITION FEEDBACK TO MOTIVE  
 FLUID CONTROL  
 91/361 .Electrical input and feedback signal means  
 (459)

2 91/459 (0 OR, 2 XR)  
 Class 091 : MOTORS: EXPANSIBLE CHAMBER TYPE  
 91/418 WITH MOTIVE FLUID VALVE  
 91/459 .Electrically operated (275) (361)

- 2 101/219 (0 OR, 2 XR)  
     Class 101 : PRINTING  
     101/212 ROLLING CONTACT MACHINES  
     101/216 .Rotary  
     101/219 ..Web
- 2 112/220 (0 OR, 2 XR)  
     Class 112 : SEWING  
     112/270 ELEMENTS  
     112/220 .Driving mechanisms
- 2 125/13.01 (1 OR, 1 XR)  
     Class 125 : STONE WORKING  
     125/12 SAWING  
     125/13.01 .Rotary
- 2 200/4 (1 OR, 1 XR)  
     Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS  
     200/1R MULTIPLE CIRCUIT CONTROL  
     200/4 .Combined pivoted and reciprocating contact
- 2 200/564 (1 OR, 1 XR)  
     Class 200 : ELECTRICITY: CIRCUIT MAKERS AND BREAKERS  
     200/502 SOLID CONTACT  
     200/564 .Rotating actuator (e.g., dial)
- 2 235/375 (1 OR, 1 XR)  
     Class 235 : REGISTERS  
     235/375 SYSTEMS CONTROLLED BY DATA BEARING RECORDS
- 2 250/231.1 (1 OR, 1 XR)  
     Class 250 : RADIANT ENERGY  
     250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
     250/216 .Optical or pre-photo cell system  
     250/229 ..Light valve (e.g., iris diaphragm)  
     250/231.1 ...Actuated by dynamic external physical quantity
- 2 250/559.29 (1 OR, 1 XR)  
     Class 250 : RADIANT ENERGY  
     250/200 PHOTOCELLS; CIRCUITS AND APPARATUS  
     250/559.01 .With circuit for evaluating a web, strand, strip, or sheet  
     250/559.29 ..Measuring position
- 2 271/270 (1 OR, 1 XR)  
     Class 271 : SHEET FEEDING OR DELIVERING  
     271/8.1 FEEDING  
     271/264 .By means to convey sheet (e.g., from pack to operation)  
     271/270 ..With means to vary speed of conveyor sheet
- 2 310/268 (0 OR, 2 XR)  
     Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
     310/10 DYNAMOELECTRIC  
     310/40R .Rotary  
     310/261 ..Rotor structure  
     310/264 ...Armatures  
     310/268 ....Disc
- 2 310/323.03 (0 OR, 2 XR)  
     Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE  
     310/300 NON-DYNAMOELECTRIC



- 310/311 .Piezoelectric elements and devices
- 310/321 ..Combined with resonant structure
- 310/323.01 ...Direct mechanical coupling
- 310/323.02 ....Motor producing continual motion
- 310/323.03 .....Traveling wave motor
- 2 310/348 (2 OR, 0 XR)
  - Class 310 : ELECTRICAL GENERATOR OR MOTOR STRUCTURE
  - 310/300 NON-DYNAMOELECTRIC
  - 310/311 .Piezoelectric elements and devices
  - 310/348 ..With mounting or support means
- 2 318/283 (0 OR, 2 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/280 MOTOR-REVERSING
  - 318/283 .Automatic and/or with time-delay means
- 2 318/561 (2 OR, 0 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/560 POSITIONAL SERVO SYSTEMS (E.G., SERVOMECHANISMS)
  - 318/561 .Adaptive or optimizing systems including "bang-bang" servos
- 2 318/568.22 (1 OR, 1 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/560 POSITIONAL SERVO SYSTEMS (E.G., SERVOMECHANISMS)
  - 318/567 .Program- or pattern-controlled systems
  - 318/568.1 ..With program recording or composing means
  - 318/568.11 ...Multifunction manipulator (i.e., Robot)
  - 318/568.22 ....With particular compensation (e.g., gain, offset, etc.)
- 2 318/615 (0 OR, 2 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/560 POSITIONAL SERVO SYSTEMS (E.G., SERVOMECHANISMS)
  - 318/611 .with stabilizing features (e.g., anti-hunting, damping)
  - 318/615 ..By auxiliary feedback loop
- 2 318/616 (0 OR, 2 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/560 POSITIONAL SERVO SYSTEMS (E.G., SERVOMECHANISMS)
  - 318/611 .with stabilizing features (e.g., anti-hunting, damping)
  - 318/615 ..By auxiliary feedback loop
  - 318/616 ...Rate feedback
- 2 318/618 (0 OR, 2 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS
  - 318/560 POSITIONAL SERVO SYSTEMS (E.G., SERVOMECHANISMS)
  - 318/611 .with stabilizing features (e.g., anti-hunting, damping)
  - 318/615 ..By auxiliary feedback loop
  - 318/616 ...Rate feedback
  - 318/618 ....Tachometer feedback
- 2 318/653 (1 OR, 1 XR)
  - Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS

- 318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 318/638 .With particular "error-detecting" means
- 318/652 ..With particular position measuring  
instruments
- 318/653 ...Magnetic transducers
- 2 318/654 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 318/638 .With particular "error-detecting" means
- 318/652 ..With particular position measuring  
instruments
- 318/654 ...Synchro control transmitter-transformer  
systems
- 2 318/660 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 318/638 .With particular "error-detecting" means
- 318/652 ..With particular position measuring  
instruments
- 318/656 ...Differential transformer systems
- 318/660 ...."Inductosyn" systems
- 2 318/661 (1 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 318/638 .With particular "error-detecting" means
- 318/652 ..With particular position measuring  
instruments
- 318/656 ...Differential transformer systems
- 318/661 ....Resolver systems
- 2 318/685 (2 OR, 0 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)
- 318/671 .With particular motor control system  
responsive to the "actuating signal"
- 318/685 .."Step-by-step" motors in closed-loop servos
- 2 324/160 (0 OR, 2 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/160 ELECTRICAL SPEED MEASURING
- 2 324/162 (0 OR, 2 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/160 ELECTRICAL SPEED MEASURING
- 324/162 .With acceleration measuring means
- 2 324/165 (1 OR, 1 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
324/160 ELECTRICAL SPEED MEASURING
- 324/163 .Including speed analog electrical signal  
generator
- 324/165 ..With direction indicator
- 2 324/173 (1 OR, 1 XR)

10671909\_CLSTITLES1.txt

- Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/160 ELECTRICAL SPEED MEASURING  
 324/166 .Including speed-related frequency generator  
 324/173 ..Including magnetic detector
- 2 324/207.13 (1 OR, 1 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/200 MAGNETIC  
 324/207.11 .Displacement  
 324/207.13 ..Having particular sensor means
- 2 324/207.18 (2 OR, 0 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/200 MAGNETIC  
 324/207.11 .Displacement  
 324/207.13 ..Having particular sensor means  
 324/207.15 ...Inductive  
 324/207.16 ....Electrically energized  
 324/207.18 .....Differential type (e.g., LVDT)
- 2 324/252 (0 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/200 MAGNETIC  
 324/244 .Magnetometers  
 324/252 ..Semiconductor type solid-state or  
 magnetoresistive magnetometers
- 2 324/660 (0 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES  
 REPRESENTATIVE OF ELECTRICAL STIMULUS/RESPONSE  
 RELATIONSHIPS  
 324/649 .Lumped type parameters  
 324/658 ..Using capacitive type measurement  
 324/660 ...With variable electrode area
- 2 324/714 (2 OR, 0 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES  
 REPRESENTATIVE OF ELECTRICAL STIMULUS/RESPONSE  
 RELATIONSHIPS  
 324/649 .Lumped type parameters  
 324/691 ..Using resistance or conductance measurement  
 324/713 ...With voltage or current signal evaluation  
 324/714 ....Including a potentiometer
- 2 324/715 (0 OR, 2 XR)  
 Class 324 : ELECTRICITY: MEASURING AND TESTING  
 324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES  
 REPRESENTATIVE OF ELECTRICAL STIMULUS/RESPONSE  
 RELATIONSHIPS  
 324/649 .Lumped type parameters  
 324/691 ..Using resistance or conductance measurement  
 324/713 ...With voltage or current signal evaluation  
 324/715 ....Including a particular probing technique  
 (e.g., four point probe)
- 2 338/32R (1 OR, 1 XR)  
 Class 338 : ELECTRICAL RESISTORS  
 338/13 RESISTANCE VALUE RESPONSIVE TO A CONDITION  
 338/32R .Magnetic field or compass (e.g., Hall effect)

10671909\_CLSTITLES1.txt  
type)

- 2 340/672 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/540 .Specific condition  
340/670 ..Velocity  
340/671 ...Angular  
340/672 ....Direction of shaft rotation
- 2 340/680 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/540 .Specific condition  
340/679 ..Machine condition  
340/680 ...Machine tool
- 2 340/870.29 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)  
340/870.28 .Via radiant energy beam (via particular  
energy)  
340/870.29 ..Photoelectric cell pickup
- 2 340/870.33 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)  
340/870.3 .With particular transmitter (e.g.,  
piezoelectric, dynamo)  
340/870.31 ..Inductive transmitter  
340/870.32 ...Mutual inductance  
340/870.33 ....Flux valve type (e.g., with movable  
saturating magnet)
- 2 340/870.38 (0 OR, 2 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)  
340/870.3 .With particular transmitter (e.g.,  
piezoelectric, dynamo)  
340/870.38 ..Resistive transmitter
- 2 341/1 (0 OR, 2 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/1 DIGITAL PATTERN READING TYPE CONVERTER
- 2 341/116 (0 OR, 2 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/111 PHASE OR TIME OF PHASE CHANGE  
341/112 .Synchro or resolver signal  
341/116 ...Analog resolver or synchro signal to digital  
signal
- 2 341/3 (1 OR, 1 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/1 DIGITAL PATTERN READING TYPE CONVERTER  
341/3 .Plural types of codes on single carrier
- 2 341/35 (1 OR, 1 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/20 BODILY ACTUATED CODE GENERATOR

- 341/35 .with rotary dial
- 2 341/7 (0 OR, 2 XR)  
 Class 341 : CODED DATA GENERATION OR CONVERSION  
 341/1 DIGITAL PATTERN READING TYPE CONVERTER  
 341/7 .Antiambiguity feature
- 2 345/157 (2 OR, 0 XR)  
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
 SYSTEMS  
 345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
 345/157 .Cursor mark position control device
- 2 345/168 (0 OR, 2 XR)  
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY  
 SYSTEMS  
 345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
 345/168 .Including keyboard
- 2 347/104 (2 OR, 0 XR)  
 Class 347 : INCREMENTAL PRINTING OF SYMBOLIC INFORMATION  
 347/1 INK JET  
 347/101 .Medium and processing means  
 347/104 ..Physical handling
- 2 356/394 (1 OR, 1 XR)  
 Class 356 : OPTICS: MEASURING AND TESTING  
 356/388 BY CONFIGURATION COMPARISON  
 356/394 .With comparison to master, desired shape, or  
 reference voltage
- 2 356/398 (0 OR, 2 XR)  
 Class 356 : OPTICS: MEASURING AND TESTING  
 356/388 BY CONFIGURATION COMPARISON  
 356/398 .With object being compared and light beam  
 moved relative to each other (e.g., scanning)
- 2 356/494 (1 OR, 1 XR)  
 Class 356 : OPTICS: MEASURING AND TESTING  
 356/450 BY LIGHT INTERFERENCE (E.G., INTERFEROMETER)  
 356/491 .Having polarization  
 356/492 ..For dimensional measurement  
 356/493 ...Displacement or distance  
 356/494 ....Having wavefront division (e.g., by  
 diffraction)
- 2 356/612 (1 OR, 1 XR)  
 Class 356 : OPTICS: MEASURING AND TESTING  
 356/601 SHAPE OR SURFACE CONFIGURATION  
 356/612 .By specular reflection
- 2 359/814 (0 OR, 2 XR)  
 Class 359 : OPTICS: SYSTEMS  
 359/642 LENS  
 359/811 .With support  
 359/813 ..Lens movable in its plane  
 359/814 ...Electromagnetic motive power
- 2 359/822 (0 OR, 2 XR)  
 Class 359 : OPTICS: SYSTEMS

- 359/642 LENS
  - 359/811 .With support
  - 359/819 ..Lens mounts
  - 359/822 ...Adjustable
- 2 359/824 (1 OR, 1 XR)
- Class 359 : OPTICS: SYSTEMS
  - 359/642 LENS
  - 359/811 .With support
  - 359/819 ..Lens mounts
  - 359/822 ...Adjustable
  - 359/823 ....With axial adjustment (e.g., adjustable focus, etc.)
  - 359/824 .....Electromagnetic or piezoelectric drive
- 2 360/77.03 (0 OR, 2 XR)
- Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL
  - 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
  - 360/75 .Controlling the head
  - 360/77.01 ..Track centering
  - 360/77.02 ...Rotary carrier
  - 360/77.03 ....By nonmagnetic sensing (e.g., optical, capacitive)
- 2 360/78.11 (0 OR, 2 XR)
- Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR RETRIEVAL
  - 360/69 AUTOMATIC CONTROL OF A RECORDER MECHANISM
  - 360/75 .Controlling the head
  - 360/78.01 ..Track changing
  - 360/78.04 ...For rotary carrier (e.g., disc)
  - 360/78.11 ....Including nonmagnetic position sensing
- 2 369/44.14 (2 OR, 0 XR)
- Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL
  - 369/43 WITH SERVO POSITIONING OF TRANSDUCER ASSEMBLY OVER TRACK COMBINED WITH INFORMATION SIGNAL PROCESSING
  - 369/44.11 .Optical servo system
  - 369/44.14 ..Optical head servo system structure
- 2 399/227 (2 OR, 0 XR)
- Class 399 : ELECTROPHOTOGRAPHY
  - 399/130 IMAGE FORMATION
  - 399/222 .Development
  - 399/223 ..Plural diverse (e.g., color)
  - 399/226 ...Plural applicators single position
  - 399/227 ....Rotary type
- 2 400/320 (0 OR, 2 XR)
- Class 400 : TYPEWRITING MACHINES
  - 400/283 CARRIAGE OR CARRIAGE-MOVING OR MOVEMENT-REGULATING MECHANISM
  - 400/319 .Carriage-feed mechanism (e.g., escapement, etc.)
  - 400/320 ..For carriage on which a type-head-carrier is mounted
- 2 400/322 (1 OR, 1 XR)
- Class 400 : TYPEWRITING MACHINES
  - 400/283 CARRIAGE OR CARRIAGE-MOVING OR MOVEMENT-REGULATING MECHANISM
  - 400/319 .Carriage-feed mechanism (e.g., escapement,

etc.)

- 400/322 ..By electric or magnetic power
- 2 400/323 (1 OR, 1 XR)  
 Class 400 : TYPEWRITING MACHINES  
 400/283 CARRIAGE OR CARRIAGE-MOVING OR  
 MOVEMENT-REGULATING MECHANISM  
 400/319 .Carriage-feed mechanism (e.g., escapement,  
 etc.)  
 400/323 ..Carriage-feed in two directions (e.g.,  
 continuous typing in both directions)
- 2 400/705.1 (0 OR, 2 XR)  
 Class 400 : TYPEWRITING MACHINES  
 400/679 MEANS AUXILIARY TO TYPEWRITING FUNCTION  
 400/703 .Indicator means  
 400/705 ..For indicating position of carriage along  
 print-line  
 400/705.1 ...Of carriage for type-head-carrier
- 2 400/708 (0 OR, 2 XR)  
 Class 400 : TYPEWRITING MACHINES  
 400/679 MEANS AUXILIARY TO TYPEWRITING FUNCTION  
 400/703 .Indicator means  
 400/706 ..For indicating position of line or  
 end-of-page  
 400/708 ...Including detector of record-medium
- 2 414/730 (1 OR, 1 XR)  
 Class 414 : MATERIAL OR ARTICLE HANDLING  
 414/680 VERTICALLY SWINGING LOAD SUPPORT  
 414/729 .Grab  
 414/730 ..Programmable or condition responsive means  
 controls grab operation
- 2 417/17 (1 OR, 1 XR)  
 Class 417 : PUMPS  
 417/1 CONDITION RESPONSIVE CONTROL OF PUMP DRIVE  
 MOTOR  
 417/17 .With plural separate drive motor controlling  
 elements
- 2 417/42 (0 OR, 2 XR)  
 Class 417 : PUMPS  
 417/1 CONDITION RESPONSIVE CONTROL OF PUMP DRIVE  
 MOTOR  
 417/42 .In response to pump speed
- 2 417/423.4 (0 OR, 2 XR)  
 Class 417 : PUMPS  
 417/321 MOTOR DRIVEN  
 417/410.1 .Electric or magnetic motor  
 417/423.1 ..Rotary motor and rotary nonexpansible chamber  
 pump  
 417/423.4 ...Turbomolecular pump
- 2 417/44.1 (2 OR, 0 XR)  
 Class 417 : PUMPS  
 417/1 CONDITION RESPONSIVE CONTROL OF PUMP DRIVE  
 MOTOR  
 417/44.1 .By control of electric or magnetic drive motor

- 2 417/474 (0 OR, 2 XR)  
 Class 417 : PUMPS  
 417/437 EXPANSIBLE CHAMBER TYPE  
 417/474 .Elongated flexible chamber wall progressively deformed
- 2 451/5 (1 OR, 1 XR)  
 Class 451 : ABRADING  
 451/1 PRECISION DEVICE OR PROCESS - OR WITH CONDITION RESPONSIVE CONTROL  
 451/5 .Computer controlled
- 2 464/185 (0 OR, 2 XR)  
 Class 464 : ROTARY SHAFTS, GUDGEONS, HOUSINGS, AND FLEXIBLE COUPLINGS FOR ROTARY SHAFTS  
 464/185 MISCELLANEOUS
- 2 600/429 (0 OR, 2 XR)  
 Class 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/407 .Detecting nuclear, electromagnetic, or ultrasonic radiation  
 600/425 ..with tomographic imaging obtained from electromagnetic wave  
 600/429 ...with stereotactic device
- 2 600/562 (0 OR, 2 XR)  
 Class 600 : SURGERY  
 600/300 DIAGNOSTIC TESTING  
 600/562 .Sampling nonliquid body material (e.g., bone, muscle tissue, epithelial cells, etc.)
- 2 604/67 (1 OR, 1 XR)  
 Class 604 : SURGERY  
 604/19 MEANS FOR INTRODUCING OR REMOVING MATERIAL FROM BODY FOR THERAPEUTIC PURPOSES (E.G., MEDICATING, IRRIGATING, ASPIRATING, ETC.)  
 604/48 .Treating material introduced into or removed from body orifice, or inserted or removed subcutaneously  
 other than by diffusing through skin  
 604/65 ..Material flow varying means controlled by condition responsive sensor  
 604/67 ...Sensor controls pump, motor, or pressure driven means
- 2 606/130 (2 OR, 0 XR)  
 Class 606 : SURGERY  
 606/1 INSTRUMENTS  
 606/130 .Stereotaxic device
- 2 702/151 (1 OR, 1 XR)  
 Class 702 : DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING  
 702/127 MEASUREMENT SYSTEM  
 702/150 .Orientation or position  
 702/151 ..Angular position
- 2 720/659 (2 OR, 0 XR)  
 720/658 DYNAMIC MECHANISM OPTICAL SUBSYSTEM  
 720/659 .Having power driven optical transducer assembly  
 could not find class title.



10671909\_CLSTITLES1.txt

```
2 720/683 (1 OR, 1 XR)
 720/658 DYNAMIC MECHANISM OPTICAL SUBSYSTEM
 720/672 .Transducer carriage or actuator
 720/681 ..Adjustable objective lens support
 720/682 ...Linear leaf springs
 720/683 Coil or magnet
 Could not find class title.

2 901/46 (0 OR, 2 XR)
 Class 901 : ROBOTS
 901/46 SENSING DEVICE
```

*plus search*

10671909\_EAST1.txt

(4914389  
4990909  
4841246  
4857816  
5309830  
5978613  
6542088  
6828783  
4897926  
4493997  
4496835  
4825070  
4906846  
5021648  
5189355  
5233355  
5343393  
5456581  
5678105  
5684647  
6060720  
6246050  
6372065  
4569625  
4796251  
5825307  
5949629  
4297034  
4298285  
4812699  
4869347  
4914371  
4931727  
5191320  
5289749  
5408275  
5522139  
5813900  
5873307  
5959610  
6057829  
6093928  
6108838  
6116139  
6142598  
6266712  
5329216  
4463628  
4814681  
4913158).pn.  
(5465624  
5598201  
6070106  
6084400  
4255861  
4274053  
4319188  
4392030  
4490674  
4528682  
4535730  
4549260  
4557661

10671909\_EAST1.txt

4558513  
4572951  
4601241  
4767925  
4770053  
4773426  
4774463  
4868475  
4869257  
4872244  
4876527  
4880011  
4887415  
4903539  
4909623  
4928093  
4961118  
4980839  
5061092  
5205163  
5233920  
5239892  
5266796  
5271290  
5310125  
5329121  
5341722  
5348448  
5357860  
5393201  
5419094  
5434634  
5446711  
5449900  
5456147  
5479929  
5483058).pn.  
(5494307  
5509314  
5554894  
5555776  
5571965  
5584198  
5608394  
5612600  
5613675  
5652002  
5655190  
5682026  
5725449  
5726649  
5765493  
5830219  
5862110  
5876784  
5933934  
5940357  
5946127  
5951398  
6072296  
6071477  
6078440  
6078550

6089359  
6100601  
6107723  
6124709  
6130425  
6164921  
6173480  
6179419  
6185169  
6198788  
6205100  
6225730  
6225730  
6258007  
6278673  
6288994  
6310849  
6327236  
6337837  
6345025  
6371732  
6385142  
6396016  
6411578).pn.  
(6418274  
6421615  
6425870  
6426924  
6443960  
6445660  
6452732  
6452877  
6483105  
6501713  
6501720  
6535830  
6577985  
6704257  
6733457  
6810590  
6813459  
6857981  
6866635  
5438172  
5778810  
5705778  
6104845  
4285595  
5488392  
5627531  
5859425  
6124710  
5691647  
5841290  
5886310  
6000694  
6175091  
3618076  
4011448  
4024446  
4068384  
4110829  
4276776

4283679  
4283836  
4294121  
4305674  
4335694  
4338517  
4339700  
4343114  
4346334  
4360889  
4375592).pn.  
(4403193  
4408172  
4423406  
4423970  
4442532  
4461015  
4473786  
4475034  
4476457  
4522517  
4524313  
4525657  
4535277  
4543793  
4556792  
4559524  
4563625  
4580084  
4580871  
4584472  
4587419  
4593269  
4600088  
4604575  
4604521  
4605853  
4607666  
4612503  
4619395  
4621256  
4623831  
4757196  
4765434  
4768119  
4769600  
4775787  
4780610  
4780703  
4781103  
4787259  
4788422  
4788497  
4792739  
4792788  
4795901  
4795925  
4796005  
4801830  
4803354  
4803409).pn.  
(4806751  
4806837

4820087  
4829342  
4831470  
4843314  
4843387  
4843388  
4849680  
4864295  
4866219  
4867064  
4868385  
4870270  
4879552  
4882479  
4887500  
4888986  
4894533  
4899048  
4904915  
4905107  
4906838  
4913072  
4914474  
4919650  
4920341  
4928009  
4930882  
4932311  
4932346  
4932389  
4933673  
4939756  
4942295  
4945231  
4945816  
4951300  
4952080  
4951549  
4953808  
4959574  
4963732  
4964321  
4967072  
4968145  
4972080  
4975570  
4977539  
4978846).pn.

*plus search*

10671909\_CLS1.txt

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10671909 on August 03, 2005

Original Classifications

|    |            |
|----|------------|
| 17 | 250/231.13 |
| 10 | 250/231.16 |
| 8  | 250/231.14 |
| 6  | 369/44.27  |
| 5  | 341/15     |
| 4  | 250/231.18 |
| 4  | 341/11     |
| 4  | 600/459    |
| 3  | 101/248    |
| 3  | 200/11R    |
| 3  | 340/870.37 |
| 3  | 341/13     |
| 3  | 360/75     |
| 3  | 600/446    |
| 2  | 82/12      |
| 2  | 310/348    |
| 2  | 310/68B    |
| 2  | 318/561    |
| 2  | 318/602    |
| 2  | 318/632    |
| 2  | 318/685    |
| 2  | 324/207.18 |
| 2  | 324/207.2  |
| 2  | 324/207.25 |
| 2  | 324/714    |
| 2  | 341/6      |
| 2  | 345/156    |
| 2  | 345/157    |
| 2  | 347/104    |
| 2  | 369/44.14  |
| 2  | 369/53.29  |
| 2  | 369/53.37  |
| 2  | 377/24     |
| 2  | 399/227    |
| 2  | 417/44.1   |
| 2  | 606/130    |
| 2  | 720/659    |

Cross-Reference Classifications

|    |            |
|----|------------|
| 20 | 250/237G   |
| 15 | 341/13     |
| 10 | 250/231.18 |
| 7  | 250/231.13 |
| 7  | 250/231.14 |
| 7  | 250/231.16 |
| 7  | 324/207.25 |
| 7  | 369/53.37  |
| 5  | 324/207.21 |
| 5  | 341/15     |
| 5  | 341/9      |
| 5  | 369/44.27  |
| 4  | 200/11G    |
| 4  | 250/231.17 |
| 4  | 318/602    |
| 4  | 318/640    |
| 4  | 341/2      |
| 4  | 341/6      |
| 3  | 73/633     |

10671909\_CLS1.txt

3 200/18  
 3 250/229  
 3 250/231.15  
 3 250/551  
 3 318/603  
 3 318/630  
 3 318/632  
 3 318/85  
 3 324/174  
 3 341/10  
 3 341/11  
 3 369/53.3  
 3 377/17  
 3 377/45  
 3 720/660  
 3 901/23  
 2 33/203.12  
 2 33/707  
 2 82/18  
 2 82/19  
 2 91/459  
 2 101/219  
 2 112/220  
 2 310/268  
 2 310/323.03  
 2 318/283  
 2 318/615  
 2 318/616  
 2 318/618  
 2 324/160  
 2 324/162  
 2 324/175  
 2 324/252  
 2 324/660  
 2 324/715  
 2 327/4  
 2 340/672  
 2 340/680  
 2 340/870.29  
 2 340/870.33  
 2 340/870.38  
 2 341/1  
 2 341/116  
 2 341/7  
 2 345/168  
 2 345/184  
 2 356/398  
 2 359/814  
 2 359/822  
 2 360/77.03  
 2 360/78.11  
 2 369/53.29  
 2 400/320  
 2 400/705.1  
 2 400/708  
 2 417/42  
 2 417/423.4  
 2 417/474  
 2 464/185  
 2 600/429  
 2 600/562  
 2 901/46



## Combined Classifications

24 250/231.13  
21 250/237G  
18 341/13  
17 250/231.16  
15 250/231.14  
14 250/231.18  
11 369/44.27  
10 341/15  
9 324/207.25  
9 369/53.37  
7 341/11  
6 318/602  
6 324/207.21  
6 341/6  
5 318/632  
5 341/9  
4 101/248  
4 200/11G  
4 200/11R  
4 250/229  
4 250/231.17  
4 318/603  
4 318/640  
4 324/174  
4 340/870.37  
4 341/2  
4 369/53.29  
4 369/53.3  
4 377/17  
4 377/45  
4 600/459  
4 720/660  
3 33/203.12  
3 73/633  
3 200/18  
3 250/231.15  
3 250/551  
3 310/68B  
3 318/630  
3 318/85  
3 324/175  
3 324/207.2  
3 327/4  
3 341/10  
3 345/156  
3 345/184  
3 360/75  
3 377/24  
3 600/446  
3 901/23  
2 29/40  
2 33/1PT  
2 33/203.14  
2 33/707  
2 74/471XY  
2 74/813L  
2 82/12  
2 82/18  
2 82/19  
2 91/361  
2 91/459  
2 101/219

2 112/220  
2 125/13.01  
2 200/4  
2 200/564  
2 235/375  
2 250/231.1  
2 250/559.29  
2 271/270  
2 310/268  
2 310/323.03  
2 310/348  
2 318/283  
2 318/561  
2 318/568.22  
2 318/615  
2 318/616  
2 318/618  
2 318/653  
2 318/654  
2 318/660  
2 318/661  
2 318/685  
2 324/160  
2 324/162  
2 324/165  
2 324/173  
2 324/207.13  
2 324/207.18  
2 324/252  
2 324/660  
2 324/714  
2 324/715  
2 338/32R  
2 340/672  
2 340/680  
2 340/870.29  
2 340/870.33  
2 340/870.38  
2 341/1  
2 341/116  
2 341/3  
2 341/35  
2 341/7  
2 345/157  
2 345/168  
2 347/104  
2 356/394  
2 356/398  
2 356/494  
2 356/612  
2 359/814  
2 359/822  
2 359/824  
2 360/77.03  
2 360/78.11  
2 369/44.14  
2 399/227  
2 400/320  
2 400/322  
2 400/323  
2 400/705.1  
2 400/708  
2 414/730

10671909\_CLS1.txt

2 417/17  
2 417/42  
2 417/423.4  
2 417/44.1  
2 417/474  
2 451/5  
2 464/185  
2 600/429  
2 600/562  
2 604/67  
2 606/130  
2 702/151  
2 720/659  
2 720/683  
2 901/46